

TURIN, A.I.

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Samarin, A. M., ed. (Corresponding member, Academy of Sciences, U.S.S.R.) β +/

Steel production; handbook (Staleplavil'noye proizvodstvo; spravochnik),
 t. 2., Moscow, Izd-vo "Metallurgiya", 1964, 1039 p. illus., biblio.,
 tables. Errata slip inserted. 5,850 copies printed.

TOPIC TAGS: steel, open-hearth furnace, quality control, refractory

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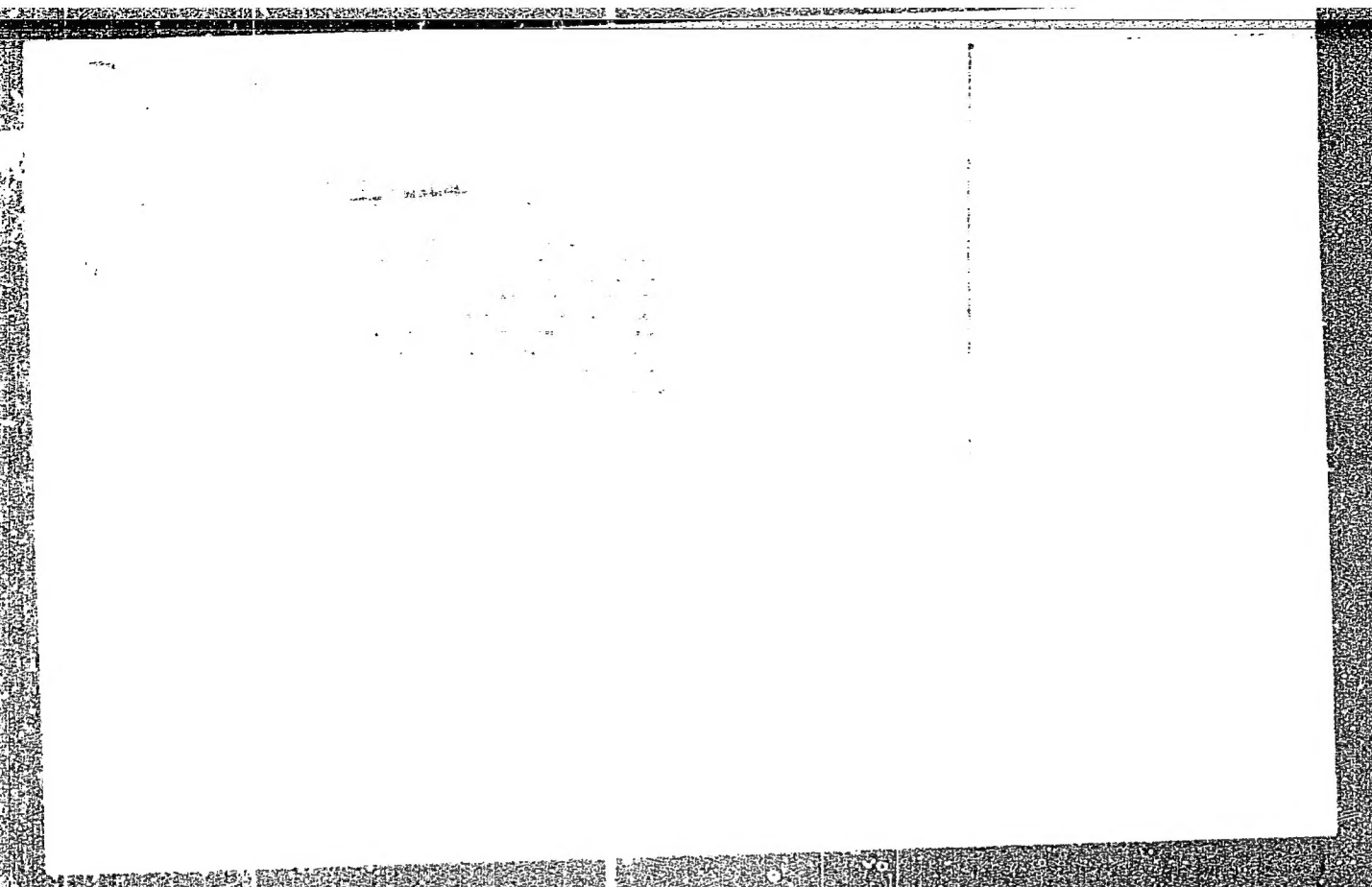
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APPROVED FOR RELEASE: 08/31/2001

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TYURIN, A. I.
SAVCHENKOVA, A.K.; TYURIN, A.I.

Mechanized line for the production of glazed candies; operational experience. Khleb.i kond.prom. 1 no.6:39-41 Je '57. (MLRA 10:8)

- 1.Leningradskaya fabrika imeni Krupskoy (for Savchenkova).
- 2.Vsesoyuznyy konditerskiy nauchno-issledovatel'skiy institut (for Tyurin).

(Confectionery--Equipment and supplies)

AVDEYEVA, A.V., doktor tekhn.nauk; ALEKHIN, S.F., inzh.; ALTUNDZHI, K.S.,
inzh.; BRONSHTEYN, I.I., kand.khim.nauk; BRUSHTEYN, M.S.;
GRIGOR'YEV, F.B., inzh.; ZHELEZNOVA, V.V., inzh.; ISTOMINA, M.M.,
kand.tekhn.nauk; KOZLOV, S.A., inzh.; KOLESNIKOVA, V.K., inzh.;
KOCHETKOV, I.A., inzh.; LUNIN, O.G., kand.tekhn.nauk; MANNINA, T.A.,
inzh.; SEREBRYAKOV, M.N., inzh.; SMOLYANITSKIY, M.Ye., inzh.; TYURIN,
A.I., kand.tekhn.nauk; TSYBUL'SKIY, A.A., inzh.; CHERNOIVANNIK, A.Ye.,
inzh.; SHKLOVSKAYA, A.Ye., inzh.; BEN', G.M., inzh., retsenzent;
MARSHALKIN, G.A., kand.tekhn.nauk, retsenzent; GUSAKOV, A.I., red.;
MARTYNOV, M.I., kand.tekhn.nauk, red.; KRUGLOVA, G.I., red.; KISINA,
Ye.I., tekhn.red.

[Confectioner's manual] Spravochnik konditera. Pod obshchey red. M.I.
Martynova. Moskva, Pishchepromizdat. Pt.2.[Technological equipment of
the confectionery industry] Tekhnologicheskoe oborudovanie konditersko-
go proizvodstva. 1960. 630 p. (MIRA 14:3)
(Confectionery--Equipment and supplies)

TIKHVINSKIY, S.B.; TYURIN, A.M. (Leningrad)

Bloodless technic for the determination of blood flow velocity.
Klin.med. 37 no.7:97-103 J1 '59. (MIRA 12:10)

1. Iz sektora sportivnoy meditsiny (zav. - prof.A.G.Dambo)
Leningradskogo nauchno-issledovatel'skogo instituta fizicheskoy
kul'tury (dir. V.Ye.Ryzhkova).
(BLOOD CIRCULATION)
(OXIMETRY)

DEMBO, A.G.; FYURIN, A.M.

Bloodless determination of the rate of the blood flow in health
and pathology. Trudy Inst. klin. i eksper. kard. AN SSSR 322 3:
361-366 1963. (MIRA 1777)

1. Institut fizicheskoy kul'tury, Leningrad.

DEMBO, A.G.; TYURIN, A.M.

Statistical procedures in studying new medical research methods.

Prim. mat. metod. v biol. no.3:164-173 '64.

(MIRA 17:11)

1. Institut fizicheskoy kul'tury, Leningrad.

TYURIN, A. M. (Leningrad)

"Statistical Methods in the Study of the Rate of Blood Circulation."

report presented at the 3rd Conference on the use of Mathematics in Biology, Leningrad University, 23-28 Jan 1961.

(Primeneniye matematicheskikh Metodov v biologii. II, Leningrad, 1965, pp. 5-11

(Moscow-Agricultural-Academy-Imeni-Timiryazev)

DEMBO, A.G.; TYURIN, A.M.

New portable oxyhemometer. Lab. delo [7] no.4:48-50 Ap '61.
(MIRA 14:3)

1. Leningradskiy nauchno-issledovatel'skiy institut fizicheskoy
kul'tury (dir. V.S.Ryzhkova).
(BLOOD--OXYGEN CONTENT)

TYURIN, A.M.

Statistical methods for studying the speed of blood circulation. Prim. mat. metod. v biol. no.2:191-195 '63.
(MIRA 16:11)

~~*~~

TYURIN, A.N.

Classification of vector fibering over an arbitrary algebraic curve.
Izv. AN SSSR. Ser. mat. 29 no.3:157-168 '65.

(MIRA 18:6)

SHAFAREVICH, I.R.; AVERBUKH, B.G.; VAYNBERG, Yu.R.; ZHIZHENKO, A.B.;
MANIN, Yu.I.; MOYSHEZON, B.G.; TYURINA, G.N.; TYURIN, A.N.;
PETROVSKIY, I.G., akademik, otv. red.; NIKOL'SKIY, S.M., prof.,
zamestitel' otv. red.

[Algebraic surfaces.] Algebraicheskie poverkhnosti. Moskva.
Nauka, 1965. 214 p. (Akademiia nauk SSSR. Matematicheskii
institut. Trudy, vol. 75)

(MIRA 18:5)

TYURIN, A.N.

Classification of two-dimensional vector bundles over an
algebraic curve of arbitrary type. Izv. AN SSSR. Ser. mat.
28 no. 1:21-52 Ja-F '64. (MIRA 17:6)

TYURIN, A.P.

Deposits of fluxes and refractory materials in Kustanay Province.
Vest. AN Kazakh. SSR 13 no.4:25-34 Ap '57. (MLRA 10:6)
(Kustanay Province--Refractory materials)

TYURIN, A.R., polkovnik; KHORKHORDIN, G.I., podpolkovnik

In any situation they provide reliable communication. Vest.
protivovozd. obor. no.11:55-58 N '61. (MIRA 16:10)

(Radio, Military)

TYURIN, A.V. (g.Pushkino, Moskovskoy oblasti)

Data on the beginning of flowering in *Padus racemosa* (Lam.)
Gilib., *Caragana arborescens* Lam., and *Betula verrucosa* Ehrh.
in the Moscow area over a period of 74 years. Bot.zhur. 44
no.11:1639-1649 N '59. (MIRA 13:4)
(Moscow Province--Plants, Flowering of)
(Trees) (Shrubs)

~~TYURIN A. V.~~

Phenology of flowering of the oak *Quercus robur* L. in forests of
the European part of the U.S.S.R. (from 1948 to 1954). Bot. zhur.
43 no. 2: 246-249 P '58. (MIRA 11:5)

1. Vsesoyuznyy institut lesomellioratsii, Moskva.
(Oak) (Plants, Flowering of)

TYURIN, A.V.; NAUMENKO, I.M.; VOROPANOV, P.V.

[Forestry handbook] Lesnaia vspomagatel'naia knizhka. Moskva,
Goslestekhizdat, 1945. 407 p. (MIRA 12:3)
(Forests and forestry--Mensuration)

TYURIN, A.V.

Flowering time of Scotch pine in the European part of the U.S.S.R.
(from 1948 to 1954). Bot.zhur.41 no.4:568-571 Ap '56. (MLBA 9:9)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut lesnogo khozyaystva,
g.Pushkino Moskovskoy oblasti.
(Pine) (Plants, Flowering of)

TYURIN, A. V.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Tyurin, A. V.	"Investigation of Oak	
Zhukov, A. B.	Forests of the USSR	All-Union Scientific Research
Ivanenko, B. I.	and Measures for Culti-	Institute of Forestry
Lositskiy, K. B.	vating them"	
Kharitonovich, F. N.		
Mapalkov, N. V.		

SO: W-30604, 7 July 1954

TYURIN, Aleksandr Vladimirovich, prof., doktor sel'khoz. nauk; VOROPANOV,
P.V., red.; GOROKHOV, M.G., red. izd-va; PARAKHINA, N.L., tekhn.
red.

[Principles of variational statistics in forestry] Osnovy variatsion-
noi statistiki v primeneni k lesovodstvu. Moskva, Goslesbumizdat,
1961. 102 p. (MIRA 14:6)

(Forests and forestry—Statistics)

Country : USSR
Category: Forestry. Forest Biology and Typology.

K

Abs Jour: RZhDiol., No 11, 1958, No 48707

Author : Tyurin, A.V.

Inst : -

Title : Observations on the Seasonal Growth of the Oak and
Its Associated Species in the Forests of the European
USSR, and Utilization of the Observations Made in the
Forest Cultures.

Orig Pub: Geogr. sb., 9, 1957, 106-113

Abstract: Observations were conducted at the leskhozoes (for-
estry establishments) of Mogilevskaya, Gomel'skaya,
Veronezhskaya and Sumskaya Oblasts, in Krasnodarskiy
Kray, and in the Tartar ASSR on the following: oak,

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K

Country : USSR
Category: Forestry. Forest Biology and Typology.

Abstr Jour: RZhBiol., No 11, 1958, No 48707

common ash, Norway maple, elm, little-leaf linden, and the European white birch. It was found that among all the species associated with the oak, ash was the only one in which the swelling of the leaf buds took place simultaneously with the oak, or somewhat earlier. In the rest of the species the swelling of the leaf buds is observed earlier than in the oak in different sequence (a table of the periods is cited). The swelling of the leaf buds takes place earliest in the Northern Caucasus, latest in the central forest steppe. A similar relation is also observed in regard to the opening of the leaf buds. In relation to the oak (beginning of May), the foliation of the ash takes place later.

Card : 2/3

K-3

Country : USSR

K

Category: Forestry. Forest Biology and Typology.

Abs Jour: RZhBiol., No 11, 1958, No 48707

Linden almost coincides with the foliation of the oak. Foliation in the rest of the associated species takes place earlier than in the oak (a table of the periods is cited). The article presents tables of the comparative periods of the beginning of blossoming, complete yellowing and dropping of the leaves, and the full ripening of the seeds of oak and its associated species. It is noted that in the central forest steppe, the place where seeds ripen earliest is Shipov forest. -- V.V. Protopopov

Card : 3/3

SHIMANYUK, Andrey Petrovich; TYURIN, A.V., dokt.sel'khoz.nauk, prof.
retsensent; NEKHLYADOVA, A.G., red.

[Biology of trees and shrubs of the U.S.S.R.; a
manual for teachers] Biologiya drevesnykh i kustar-
nikovykh porod SSSR; posobie dlia uchitelei. Izd.2.,
dop. Moskva, Prosveshchenie, 1964. 477 p.
(MIRA 18:1)

TYURIN, A. V., Prof.

Phenology

Seasonal growth of the oak in the European part of the U.S.S.R. Les. khoz. 5 no. 7, 1952.

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED

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TYURIN, ALEKSANDR VLADIMIROVICH, ED.

Lesnaya vspomogatel'naya knizhka (po taksatsii lesa) (Lumber subsidiary
booklet (on fixed prices of lumber)) Izd. 2, dop. pod obshchey red. a. v.
tyurin. Moskva, Goslesbumizdat, 1956.
531 p. largely tables.

TYURIN, Aleksandr Vladimirovich, doktor sel'skokhozyaystvennykh nauk, professor; NAUMENKO, Ivan Matveyevich, doktor sel'skokhozyaystvennykh nauk, professor; VOROPANOV, Petr Vasil'yevich, doktor sel'skokhozyaystvennykh nauk, professor; ANUCHIN, N.P., redaktor; KOLESNIKOVA, A., tekhnicheskiy redaktor.

[A manual of forest mensuration] Lesnaia vspomogatel'naia knizhka; po taksatsii lesa. Pod obshchei red. A.V. Tiurina. Izd. 2-oe, dop. (MLRA 10:4)
Moskva, Goslesbumizdat. 1956. 531 p.
(Forests and forestry--Mensuration)

TYURIN, A.V.

"Natural regeneration in clearcuttings" by A.P.Shimaniuk. Reviewed
by A.V.Tiurin. Bot.zhur.41 no.8:1221-1223 Ag '56. (MLRA 9:12)
(Reforestation) (Shimaniuk, A.P.)

TYURIN, A.V.

Phenological observations on the forests of the Moscow environs.
Geog. sbor. no.16:25-40 '63. (MIRA 16:6)
(Moscow region--Phenology)
(Moscow region--Forest geology)

The Karatau deposit of U-V ores. B. A. Tyurin.
 Bull. Acad. Sci. U. R. S. S., Ser. Geol. 1944, 99-105 (in
 English, 105-8).—The mineral accumulations are con-
 figured to the V-bearing ore horizon. The opinion is ex-
 pressed that the V ores are primarily of sedimentary
 origin with subsequent metamorphism. There is no like-
 lihood of large deposits of U ore in the Karatau region.
 J. S. Joffe

TYUMIN, E.'.

Geochemical characteristics of the distribution of titanium in bauxites and clays of the Amangel'dy bauxite region and their genesis. Kora vyvetr. no.6:154-166 '63. (MIRA 17:9)

1. Kazakhskiy nauchno-issledovatel'skiy institut mineral'nogo syr'ya, Alma-Ata.

TYURIN, B.A.; KAL'MENEV, M.A.

Characteristics of deposits of bauxites and refractory clays
from the point of view of economic geology. Trudy Inst.geol.
nauk AN Kazakh.SSR no.2:69-103 '59. (MIRA 13:4)
(Amangel'dy District--Bauxite)
(Amangel'dy District--Clay)

TYURIN, B. A.

"Gibbsite Deposits in the Amangel'dy Bauxite Mining District of Central Kazakhstan" p.416

Mineralogy and Origin of Bauxites, Moscow, Izd-vo AN SSSR (otd. geologo-geograf. nauk) 1958, 488pp.

This collection of articles by various authors on the mineralogy and geochemistry of bauxites appeared as a result of 1955 conf. on the origin of bauxite (Chairman, Acad. N. M. Stakhov)

TYURIN, B. A.

15-57-7-9654

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,
pp 132-133 (USSR)

AUTHOR: Tyurin, B. A.

TITLE: The Gibbsite Bauxite in Kazakhstan and Method of
Prospecting for These Deposits (Mestorozhdeniya gibbsi-
tovykh boksitov Kazakhstana i metodika ikh poiskov)

PERIODICAL: Sb. nauch. tr. Kazakhsk. gorno-metallurg. in-t, 1956,
Nr 14, pp 5-28.

ABSTRACT: Mesozoic-Cenozoic gibbsite bauxites are widespread on
the territory of Kazakhstan. They lie in the thick
ancient weathered surface of Paleozoic rock or in J₁₋₂
coal-bearing deposits. They are unconformably covered
in some areas by Cr₂ marine sedimentation, and in other
areas, by continental variegated clays. The author
considers the age of the largest bauxite deposits to be
Cr₂. Two basic structural and morphological types of
deposits are differentiated as the linear-valley type
and as the mantle type. The first type is the more

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The Gibbsite Bauxite in Kazakhstan and Method (Cont.)

important of the two. The length of individual beds varies from 100 m to 1650 m, the width from 50 m to 400 m; the thickness reaches 60 m but rarely exceeds 5 m to 10 m. In internal structure, the beds of this type can be classified as follows: 1) simple, represented by one layer, sometimes with a separation into two layers at the edges; 2) complex, represented by alternating strata of near-commercial bauxites and clays; 3) intermediate. The bauxite deposits of the mantle type have quite irregular outlines and small thickness (3 m to 5 m). The bauxite deposits of the linear-valley type meet government standards and represent several million tons of material, while the bauxites in the mantle type deposits are low in quality and represent only a small amount of usable material. The author lists indications of the presence of Mesozoic bauxite deposits in Kazakhstan and outlines methods of conducting explorations for this material. Core drilling in combination with geophysics is the basic method of exploration; it is, at the same time, the only method applicable to subsurface deposits. Geophysical investigations should include: 1) procurement of data for preparation of structural and lithological maps of the Paleozoic substructure; 2) determination

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15-57-7-9654

The Gibbsite Bauxite in Kazakhstan and Method (Cont.)

of the trend of main folded structures of the basement; 3) clarification of the basement surface relief.

Card 3/3

S. I. Beneslavskiy

3(5) PHASE I BOOK EXPLOITATION 307/1986

on "Pechennaya tsukhara, sessiya po metallogenicheskim i prognostnym kartam, Alma-Ata, 1958.

Materialy sessii po metallogenicheskim i prognostnym kartam: etichki. (Materials Presented at the Scientific Session on Metallogenetic and Postulated Ore Occurrence Maps; Reports) Alma-Ata, Izd-vo AN Kazakhskoy SSR, 1958. 318 p. Errata slip inserted. 3,850 copies printed.

M.: A.S. Poguchev; Tech. Ed.: P.Y. Alfereva.

Sponsoring Agencies: (1) Akademiya nauk SSSR, (2) Akademiya nauk Kazakhskoy SSR, Alma-Ata, (3) USSR, Ministerstvo geologii i obratnyy mezh, (4) Kazakh SSR, Ministerstvo geologii i obratnyy mezh.

PURPOSE: This book is intended for exploration geologists, mining engineers, and cartographers.

Materials Presented (Cont.) 307/1986

COMMENT: This collection of reports was presented at the United Scientific Session on Metallogeny and Postulated Ore Occurrence Maps convoked by the Academy of Sciences in Alma-Ata, December, 1958. The reports deal with various aspects of compiling metallogenetic and ore occurrence maps as well as the methodology and techniques of correlating geophysical exploration data. These reports deal only with non-ferrous metals. Three other reports delivered at the conference but not included in this work were read by Ye.Ye. Zakharov, N.S. Shatalov, and N.K. Gorbatskiy. References accompany each article.

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Card 5/6

TYURIN, B.A., dots.

~~TYURIN, B.A., dots.~~
Deposits of gibbsite bauxites in Kazakhstan and methods of
prospecting for them. Sbor.nauch. trud. KazGMI no.14:5-28 '56.
(MIRA 10:10)
(Kazakhstan--Bauxite) (Prospecting)

TYURIN, B.A., dotsent

Graphic investigation of the relationship between pH, Eh and $\frac{C_{ox.}}{C_{red.}}$
in oxidation-reduction reactions in order to recreate the
physicochemical conditions of sedimentation. Sbor.nauch.trud.
KazGMI no.18:171-173 '59. (MIRA 15:2)
(Mineralogical chemistry)

TYURIN, B.A., dotsent

Nomogram for converting the chemical analyses of air-dry
samples for calcined substance, naturally wet ore, and the
analyses of coal for fuel and ashes. Sbor.nauch.trud.KazGMI
no.18:174-176 '59. (MIRA 15:2)

(Clay)
(Nickel ores)
(Coal)

SUVOROVSKAYA, N.A.; TYURIN, B.F.; ZYUZINA, Yu.D.; NAZAROVA, Yu.G.

Studying the effect of hardeners on the characteristics of
epoxy resin base coatings. Lakokras.mat.i ikh prim. no.5:4-10
'62. (MIRA 16:1)
(Protective coatings--Testing) (Epoxy resins)

The influence of hot drying on the covering properties of paints. B. F. Tyurin. Byull. Loko-Krasnochnol. Prom. 1938, No. 6, 39-41; Khim. Inzhener. Zhur. 2, No. 2, 120 (1938), No. 5, 39-41; KKM from Izvest. oil with the usual (1938). — Paints prep'd. from refined alcohols, lithopone, drier and with different pigments (Pb-ZnO, lithopone, Pb-PbCrO₄, and ochre) were dried at 20, 40, 80, 100 and 120° for 2, 4, 6 and 8 hrs. The pigments have a considerable influence on the properties of the films. The Pb-alcohol paints are most elastic. In general the elasticity of the films changes differently with temp. and with duration of drying depending on the pigment. The water resistance increases with the increase of the temp. of drying (except for ochre). The temp. of drying optimum for water resistance is for PbCrO₄ between 60 and 80°, for ZnO about 80°, for ochre and lithopone about 100°. The optimum duration of heating is 2-4 hrs. Paints contg. lithopone and ochre should not be dried at high temp.

W. R. Hrenn

W. K. HENRI

650.36 METALLURGICAL LITERATURE CLASSIFICATION

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The effect of pyroxylin of different viscosities and of various solvents on the mechanical properties of nitro-cellulose films W. R. Henn and S. A. Finkus Pyall Laboratory Report No. 10, 1938; Akim National Patent No. 5, 1938 The solvents used were ethyl acetate, amyl acetate, benzene, gasoline and etc. To test aging, the films were heated in a thermostat at 50-75° C. for 0-72 hrs. The stability was tested with Schopper's app. For a definite mixt. of solvents the stability of the films was the greater the less depolymerized the pyroxylin. For the same pyroxylin the films obtained with solvents that produce with the same combs. the most viscous sols. were most stable. The degree of depolymerization of pyroxylin did not affect the change of viscosity of the sols on standing when coated on textiles, nitrocellulose was stable the lower the viscosity of the pyroxylin used. The initial stability of the coating did not depend on the method of lowering the viscosity of the nitrocellulose, but the stability to atm. influence was considerably lower for pyroxylin that was treated with NH₃ than for the product of thermal treatment.

W. R. Henn

ALSO SEE DETAIL ORIGIN LITERATURE CLASSIFICATION

RECORD NO. 1000000
SUBJECT MAT. ONLY USE

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SUBJECT MAT. ONLY USE

Composition of nitrocellulose lacquers and their water resistance. J. K. Tyurin and Yu. P. Levit. *Izvull.*
Otkrytae Prikl. Lakokrasochel' Prom. 1939, No. 3, 34-8.
Omena Opyt. Lakoobrazovaniye for corrosion of painted surfaces is one of the basic reasons for the film. Nitrocellulose absorption of moisture are do not swell but allow moisture to films, unlike oil films, do not swell but allow moisture to pass through capillary openings formed during the evaporation of the solvent. T. and L. tried to establish dependence of the water absorption of the lacquer on its composition. The permeability is established by the following formula: $K = VD/AT$, where K is const. of permeation, V g. of moisture going through the film in T hours, D thickness of the film in cm., A area of the film in sq. cm. Dried nitrocellulose films were tested for 24 hrs. in Glur's app. Fifteen lacquers were tried. Mixed nitrocelluloses corresponding to nitrocellulose of medium viscosity give best results. Slowly evaporating solvents increase waterproofness. Equal quantities of Bu acetate, CH_3COCH_3 , Ccl₄, and EtOH were used as solvents. "Garpus" ether is 9% or Rezyll resins 1.5-0% lower K . Rezyll resins are 9% or Rezyll resins than is "garpus" ether. Tri-more sol. in nitrocellulose than is "garpus", camphor and castor oil (3% each) were used as plasticizers. Tritolyl phosphate lowered K , dibutyl phthalate had no effect and camphor and castor oil greatly increased K . Polymerized linseed oil decreased K , while oxidized oil had less effect, and raw linseed oil had no effect on K . Powdered Al and vermiculite lowered K more than other pigments. 1)

37.

16

Possibility of replacement of linseed oil by perilla oil in production of aircraft lacquers. H. F. Lyulin and L. A. Kuznetsov. *Dokl. Akad. Nauk SSSR*. 1940, No. 7, 8, 24. Extensive tests on use of perilla oil in paints replacing partially, or completely, linseed oil indicate that the former is generally satisfactory. Mixts. of less than 50% perilla oil with linseed oil are also satisfactory in enamels. G. M. Kosolapoff

ADD SEA METALLURGICAL LITERATURE CLASSIFICATION

SAPGIR, I.N., doktor tekhn. nauk; IVANOVA, A.A.; GOL'DBERG, M.M.;
SAKHARNOV, A.V.; LUERMAN, A.I.; SVERDLIN, M.S.; TYURIN, B.F.
Prinimali uchastiye: PLIPLINA, A.I.; IOFFE, M.Ya.; LIVSHITS,
M.L., red.; ZAZUL'SKAYA, V.F., tekhn. red.

[Paint materials; raw materials and intermediate products;
handbook] Lakokrasochnye materialy; syr'e i poluprodukty;
spravochnik. Pod red. I.N.Sapgira. Moskva, Gos.nauchno-
tekhn.izd-vo khim. lit-ry, 1961. 506 p. (MIRA 14:12)
(Paint materials)

7

...the steel oxides, or lower their activity by forming stable
 ...Engineer A. Ye. Rurov (TaNIITMASH) reported on the improvement of
 ...low-alloy steels such as 18-8 and 25-12
 ...in parent and filler metal
 ...fatigue strength of
 ...2.5-3.5 W, 1.7-1.04
 ...while at room temperature the
 ...of the parent metal, at 200°C it
 ...M. Nikitina (TaNIITMASH) analyzed
 ...Kh14N24B2M AMS
 ...P. R. Kulikov and A. G.
 ...steel expansion bellows
 ...Candidate of technical
 ...for investigation of
 ...on a wide test per-
 ...mitting the determination of the effect of solidification rates on the poly-
 ...gonization of single-phase weld metal. Shorshorov and Engineer V. V. Belov
 Set 1/2, card 2/2

L 15771-53

ACCESSION NR: AP3004766

(IMET) spoke on the effect of composition on delayed fracture of high strength
steels such as 35Kh3SA, 10Kh3SA, 15KhNMTA, 10KhGSNMTA, 12Kh2GSNM, 14Kh3SNMFV, 18
and 15Kh12NMVFA and pointed out that 35Kh3SA steel has the lowest susceptibility
to delayed fracture and 15KhMA the highest. The report of Laminates of technical
sciences N. V. Shiganov and E. D. Raymond dealt with methods and equipment for
evaluation of weld susceptibility to cold cracking. Seven reports dealt with welding
of steels and alloys. Reporting on argon arc welding of dissimilar metals (zirconium
to titanium, zirconium to niobium, niobium to titanium), Engineers V. S. Novosadov
and Ye. A. Gusev pointed out that optimal welding conditions, heat treatment, and
proper combination of dissimilar metals ensure high quality of welds.

/For Complete Set See: Eight annual welding conference/

Set 1/2, Card 3/3

L 15771-63 EPR/EWP(j)/EPF(c)/EWP(k)/EWP(q)/EWT(m)/BDS/EWT(1) AFPTC/ASD Pc-4
 Pr-4/Pr-4/Pf-4 RM/WM/JD/WH/IM/JG/K/JH
 ACCESSION NR: AP3004766 S/0135/63/000/008/0044/0046

AUTHOR: Tyurin, B. F.

TITLE: Scientific and technical welding conference in Moscow [April 1963]

SOURCE: Svarochnoye proizvodstvo, no. 8, 1963, 44-46

ABSTRACT: The eighth annual welding conference sponsored by the Moscow chapter of NTO MASHPROM was held in Moscow 23-25 April 1963. Of the 66 reports presented, 11 dealt with thermal and metallurgical processes in welding. Candidate of technical sciences V. V. D'yachenko and Engineer, Ye. N. Sivov analyzed factors affecting the ductility of molybdenum welds produced by electron-beam argon arc welding. Eleven reports dealt with welding of titanium and aluminum alloys. Candidate of technical sciences F. Ye. Pret'yakov (NIAT) reported on prospects of titanium alloy welding, and Engineer A. I. Gorchkov analyzed causes of porosity in titanium alloy welds and reviewed preventive methods such as high welding speed, low heat input, preheating, and cleaning of sheet edges. Technology of welding pipelines formed from titanium and aluminum alloy sheets was discussed by Engineers F. R. Kulikov and A. I.

Set 2/2, Card 1/3

Det 2, 1, Jan 4, 3

technical sciences E. B. Slepak (TsNITMASH). "Automatic quality control in ultrasonic welding" was presented by Engineers V. A. Kuznetsov and P. K. Naumov and Institute of technical sciences L. L. Silin (DMET). Plasma spraying and cutting were discussed in five reports: "Plasma spraying of tungsten on graphite" by Engineers A. V. Bozrov and V. I. Privezentsev (MATI), "Industrial plasma spraying" by Institute of technical sciences A. V. Petrov and Engineer A. I. Solov'yev (MTU), "Plasma spraying and prospects of its application in industry" by Engineer A. I. Solov'yev (MTU), "Use of a constricted arc for cutting aluminum alloys and stainless steel sheets" by Engineer V. N. Skorokhodov, and "Geometry of the geometry of the plasma arc cut" by Engineer A. A. Ysachenko (DMET). Three reports dealt with welding of polymer materials. One of them, by A. V. Bogdashevskiy (MAT), discussed features of ultrasonic welding of polymers and pointed out that a special unit for welding polyethylenphthalic films is being developed.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 28Aug63

ENCL: 00

SUB CODE: ML

NO REF SOV: 000

OTHER: 000

For Complete Set See: Eighth annual welding conference

Set 2/2, Card 3/3

TYURIN, F.P., inzhener.

Work experience of specialized organizations in housing construction.
Bul.stroi.tekh. 9 no.2:1-6 Ja '52. (MIRA 9:4)

1. Trest Magnitostroy.
(Construction industry)

TYURIN, D.

With Hungarian friends. Grazhd. av. 22 no.2:30 P '65. (MIRA 12:5)

1. Sekretar' Tsentral'nogo komitete professional'nogo soyuza
aviarabotnikov.

EYDEL'MAN, G., inzh; TYURLIN, G., inzh.

Installing electric wiring during building. Na stroi. Mosk. 1
no. 11:11-12 N '58. (MIRA 11:12)
(Electric wiring)

TYURIN, G., inzh.; EYDEL'MAN, G., inzh.

Pipeless installing of hidden electric wiring in brick house .
Na stroi. Mosk. 1 no.6:19 Je '58. (MIRA 11:9)
(Electric wiring, Interior)

TYURIN, G.G.

Diamond well-drilling tool. Mash. i neft'. obor. no.1:11-15
'63. (MIRA 17:1)

1. Tsentral'noye konstruktorskoye byuro Ministerstva geologii i okhrany nedr SSSR.

AUTHOR: Tyurin, G.I.

SOV/113-58-4-19/21

TITLE: Turbosupercharging of High-Speed Two-Stroke Engines (Turbo-
nadduv bystrokhodnykh dvukhtaknykh dvigatelyey)

PERIODICAL: Avtomobil'naya promyshlennost', 1958, Nr 4, p 46 (USSR)

ABSTRACT: The author discusses briefly the modified series 71 two-
stroke, compression-ignition engine from General Motors, which
has a turbosupercharger. There is 1 photo.

1. Internal combustion engines--Equipment 2. Turbosuperchargers
--Applications

Card 1/1

KREYTSER, G.P.; TYURIN, G.I.

~~ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED~~
Euler's spheres of an orthocentric simplex. Mat. pros. no. 2:187-194
'57. (MIRA 11:7)

(Geometry)

~~SECRET~~ TYURIN, G.I.

Turbo-supercharged high-speed two-stroke engines. Avt. prom.
no. 4:46 Ap '58. (MIRA 11:6)
(United States--Automobiles--Engines--Superchargers)

Tyurin G.P.
BYDEL'MAN, G.R., inzhener; TYURIN, G.P., inzhener.

Wiring brick buildings without using conduits. Nov.tekh.i pered.
op.v stroi. 19 no.10:22-23 0 '57. (MIRA 10:11)
(Electric wiring)

TYURIN, I.

Our practice. Den. 1 kred. 21 no.8:60-62 Ag '63. (MIRA 16:9)

1. Upravlyayushchiy Burynskim otdeleniyem Gosbanka Sumskoy oblasti.

(Buryn'—Banks and banking)

TYURIN, G.S., kand. tekhn. nauk [translator]; YELYUTIN, A.V.,
inzh. [translator]; MAURAKH, M.A., kand. tekhn. nauk, red.

[Electron melting of metals. Translated from the English]
Elektronnaya plavka metallov. Moskva, Izd-vo "Mir," 1964.
357 p.
(MIRA 18:9)

TYURIN, I.

We ourselves do the building. Prof.-tekh. obr. 15 no.11:18-19
N '58. (MIRA 12:1)

1. Zamestitel' direktora uchilishcha mekhanizatsii sel'skogo
khozyaystva No.7, Irkutskaya oblast'.
(Farm mechanization--Study and teaching)
(Schools--Furniture, Equipment, etc.)

TYURIN, I. (Brno)

Always alive. Sov. profsoiuzy 19 no.1:22-23 Ja '63.
(MIRA 16:1)

(Brno—Machine-tool industry)
(Brno—Socialist competition)

AUTHOR: Tyurin, I., Deputy School Director SOV/27-58-11-15/29
TITLE: We Ourselves Are Building (Stroim sami)
PERIODICAL: Professional'no - tekhnicheskoye obrazovaniye, 1958, Nr 11,
pp 18 - 19 (USSR)
ABSTRACT: When the School of Agricultural Mechanization Nr 7 in the
Irkutsk Oblast, was organized in 1951, it lacked even the
most elementary teaching aids; the staff itself would have
to work on the establishment of the required installations
and facilities. Considerable work has been done in this
respect in recent years. The building work was carried out
by the school, under the supervision of the school. The
author lists the school buildings, workshops, etc. erected
from 1953 to 1957, and the study rooms equipped and replen-
ished by the school. This was accomplished by the united
efforts of the instructors, foremen and students. The
author emphasizes the benefit which the students derived

Card 1/2

We Ourselves Are Building

SOV/27-58-11-15/29

from participating in the work, and describes the problems that had to be solved at the erection of a dining room and storage place.

ASSOCIATION: Uchilishche mekhanizatsii sel'skogo khozyaystva Nr 7 (Irkutskaya oblast'), Agricultural Mechanization School Nr 7 (Irkutsk Oblast)

1. Construction--USSR 2. Industrial training 3. Personnel
--Performance

Card 2/2

TYURIN, I.

"Problems in trade-union work." Reviewed by I.Tiurin. Sov.
profsoiuzy 18 no.9:44 My '62. (MIRA 15:4)
(Trade unions--Handbooks, manuals, etc.)

TYURIN, I. B.

No. 37395--Akademik vasiliiy robertoviu vel'ya ms (k 10-letio so dnya konchiniy)
Pochvovedeniye, 1949, No. 11, c. 633-37.

So: Letopis' Zhurnal'nykh Statey, Vol. 7, 1949.

Polymorphic transformations of rhodium. A. A. Koshut-
 sell, R. S. Polyzkova, and I. I. Tyurin. *Soviet. Sci. Ser.*
Phys. & Chem. Div. *Metals*, *Vol. 10, No. 1, 1955*.—Rh of
 99.99% purity, contg. <0.2% impurities, was melted in a high-
 frequency furnace in a corundum crucible and was drawn
 into a porcelain tube to form rods about 20 mm. long.
 These were annealed at 1000° and their abs. thermoelec.
 power was detd. with a Kurnakov pyrometer, whose opera-

tion was described in detail. The results showed that the
 heat effect accompanying the transformation was negligibly
 small; the temp. of transformation was $1030 \pm 5^\circ$. The
 abs. thermoelec. power and the Thomson ϵ in μ micro-
 volts/degree were: 100°, +0.82, -0.49; 200°, +0.82,
 -1.70; 300°, +0.10, -1.39; 400°, -0.56, -1.60; 500°,
 -0.97, -2.70; 600°, -1.37, -2.10; 700°, -1.60, -1.50;
 800°, -1.58, -1.07; 900°, -1.86, -0.76; 1000°, -1.72,
 -0.61; 1030°, -1.74, -0.53; 1030°, -2.15, -0.85;
 1100°, -2.18, -0.69; 1200°, -2.24, -0.74. The 2
 values at 1030° represent the upper and lower values for the
 break in the curve at the transformation temp.

A. G. Gur

RUDNITSKIY, A.A.; POLYAKOVA, R.S.; TYURIN, I. I.

Study of thermoelectric properties of palladium alloys with
rhodium. Izv. Sekts. plat. i blag. met. no. 29:190-196 '55.
(Palladium-rhodium alloys)

(MIRA 8:8)

TYURIN, I.I.

USSR/Electricity - Conductors

G-4

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 12255
Author : Rudnitskiy, A.A., Tyurin, I.I.
Inst : -
Title : Investigation and Choice of Alloys for High Temperature Thermocouples.
Orig Pub : Zh. neorgan. khimii, 1956, 1, No 5, 1074-1090

Abstract : Alloys were selected for high temperature thermocouples, operating in air, stable during prolonged operation at a temperature of 1350 -- 1550°, and suitable for short-duration measurements up to 1800°. The thermal electrodes investigated were pure rhodium, alloys of platinum with rhodium, and triple alloys Pt-Rh-W, Pt-Rh-Re. The alloys were prepared by the metal-ceramic method, and then were rolled or forged. The mechanical stresses were removed by heating for an hour in air to 1200°. The most stable thermoelectric characteristics were displayed by pure

Card 1/2

TYURIN I. I.

18.1200

68232

5(2)

AUTHORS:

Rudnitskiy, A. A. (Deceased),
Tyurin, I. I.

S/078/60/005/02/026/045
B004/B006

TITLE:

A Study on the Research of Alloys for High-temperature
Thermocouples ²¹

PERIODICAL:

Zhurnal neorganicheskoy khimii, 1960, Vol 5, Nr 2, pp 401-409
(USSR)

ABSTRACT:

The authors give an introductory survey on the thermocouples described in publications and then discuss their own investigations to find alloys of sufficient stability at maximum temperatures. The following metals and alloys were investigated: pure Ir and Rh, alloys of Pt with Rh, Ir with Rh, and ternary alloys of Pt with Rh, Ru, Ir, and Pd. An investigation of the temperature characteristics (Tables 1,2, Figs 1,2) showed that the emf curves of the thermocouples (Pt + 30%Rh) - (Pt + 6%Rh), and Rh - (Pt + 20%Rh) are intensely curved, but that the emf curve of the (Ir + 60%Rh) - Ir thermocouple is practically linear. The latter can be applied up to 2340°. The stability of the emf of the thermocouples at high temperatures was also investigated (Tables 3-5, Figs 3,4). At 1550°

Card 1/2

68232

A Study on the Research of Alloys for High-temperature Thermocouples

S/076/60/005/02/026/045
B004/B006

the temperature indication of the thermocouple (Pt + 10%Rh) - Pt deviates by 1% after 75 hr, while the same deviation for the thermocouples (Pt + 30%Rh) - (Pt + 6%Rh) and Rh - (Pt + 20%Rh) occurs after 230 and 1500 hr. respectively. At 1800°, the indication of Rh - (Pt + 20%Rh) strays by $\pm 0.5\%$ after 100 hr., while the emf of (Ir + 60%Rh) - Ir increases by 0.6% during the first 25 hr., and is constant within an error limit of $\pm 0.3\%$ thereafter. The alloys Pt + Rh + Ir, Pt + Rh + Pd, and Pt + Rh + Ru were found to be less stable than pure Rh and cannot replace it. The temperature dependence of the resistivity of Rh, Ir, Pt + 20%Rh, Pt + 20%Rh + 10%Ir was determined (Table 6). There are 4 figures, 6 tables, and 12 references, 3 of which are Soviet.

SUBMITTED: October 9, 1958

Card 2/2

TYURIN, I.P.

Production reserves are being used. Bum. prom. 36 no.9:12-13 S
'61. (MIRA 15:1)

1. Arkhangel'skiy sovnarkhoz.
(Archangel Province--Paper industry)

TYURIN, I.S.

Materials on the acclimatization of squirrels in Kirghizia. Trudy
Inst. zool. i paras. KirFAN SSSR no.2:127-129 '54. (MIRA 10:6)
(Kirghizistan--Squirrels)

TYURIN, I.T.

Primary cancer of the lower horizontal part of the duodenum
diagnosed by x-ray. Vest. rent. 1 rad. no.5:89-92 S-O '55.

(MLRA 9:1)

1. Iz bol'nitsy zavoda imeni Il'icha (glavnyy vrach M.L.
Samoylovich) opornogo punkta Ukrainskogo rentgeno-radiyevogo
i onkologicheskogo instituta (g. Zhdanov Stalinskoy oblasti,
USSR)

(DUODENUM, neoplasms,
diag. x-ray)

TYURIN, IVAN VLADIMIROVICH

DECEASED

1964

Soil Science

1962

TYURIN, Ivan Vladimirovich (1897-1962)

[Organic matter of soil and its role in fertility] Orga-
nicheskoe veshchestvo pochvy i ego rol' v plodorodii.
Moskva, Nauka, 1965. 318 p. (MIRA 1825)

J

USSR / Soil Science. Soil Genesis and Geography.

Abstr Jour: Rof Zhur-Biol., No 2, 1959, 6034.

Author : Tyurin, K. D.
Inst : Voronezh Agricultural Institute.
Title : Soils of Khrenovskiy Rayon in Voronezhskaya Oblast', Their Genesis and Ways of Further Utilization.

Orig Pub: Zap. Voronezhsk. s.-kh. in-ta, 1957, 27, No 2, 327-334.

Abstract: In the soil cover of Khrenovskiy Rayon chernozem soils, meadow-bog soils, and sclonetz soils are predominant. In the described territory conditions of soil formation, morphology, and physical-chemical properties of soils are investigated. Data is cited of the determined humus and N content in the soils, the ratio of C to N,

Card

Card 1/2

TYURIN, K.D., Cand Agr Sci—(dies) "Soils of the Khrenovskiy Rayon of the Voronezhskaya Oblast, their genesis, properties, and fertility." Voronezh, 1958. 18 pp (Min of Agr USSR. Voronezh Agr Inst), 150 copies (EL, 30-58, 130)

TYURIN, K.M., inzh.

~~Improving~~ improving ribbed reinforced concrete tubings designed by the
All-Union Scientific Research Institute for the Organization and
Mechanization of Mine Construction. Krepl. gor. vyr. ugol'. shakht
no. 1:5-22 '57. (MIRA 11:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii i
mekhanizatsii shakhtnogo stroitel'stva.

(Shaft sinking)

(Reinforced concrete construction)

TYURIN, K.M., inzh.; SYCHEV, A.S., inzh.; PRAGER, V.A., inzh.; BABILIAN,
D.M., inzh.

Investigation and development of a lining for a shaft sunk
under particularly difficult hydrogeological conditions.
Trudy VNIIONSHSa no.15:94-114 '64.

(MIRA 18:2)

SHISHOV, Yevgeniy Leonovich; TYURIN, Konstantin Mikhailovich, SIVUTSEY,
S.M., otv.red.; SINYAVSKAYA, Ye.K., red.; ANDREYEV, S.P., tekhn.red.

[Ribbed reinforced concrete tubing for the lining of vertical mine
shafts] Zhelero betonnye rebristye tiubingi dlia krepleniia vertikal'
nykh stvolov shakht. Khar'kov. Gos. nauchno-tekhn. izd-vo lit-ry
po chernoi i tsvetnoi metallurgii, 1958. 151 p. (MIRA 11:8)
(Mine timbering)
(Shaft sinking)
(Precast concrete construction)

TYURIN, K.M.

SHISHOV, B.L., kandidat tekhnicheskikh nauk; ~~TYURIN, K.M.~~ inzhener.

Experience in using reinforced concrete ribbed tubing at the
"Belorechenskaya" mine. Ugol' 30 no.1:17-24 Ja '55.

(MLRA 8:3)

1. VNIIMS~~S~~.
(Mine timbering)

RADYUCHENKO, Yu.S., inzh.; TYURIN, L.M., inzh.

Investigating the technology of straightening very thin-walled
tubes. [Nauch. trudy] ENIKMASHa 3:67-79 '60. (MIRA 14:1)
(Pipe mills)

PHASE I BOOK REPLICATION 807/5303

Moscow. Kheperimental'nyy nauchno-issledovatel'skiy institut kuznechno-presovogo mashinostroyeniya.

Progressivnaya tekhnologiya i voykovy avtomatizatsii kuznechno-shitapovnoyeh proizvodstva (Advanced Processing and Problems of Automation of Die-Forging Operations) Moscow, Mashgit, 1960. 126 p. (Series: Itz: Mashbuysy trudy, kn. 3) 3,500 copies printed.

Sponsoring Agency: Otdelavstvennyy komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu.

Editorial Council: M.M. Vasil'yev, V.F. Vyatkin, V.I. Derydov, F.Ye. Durov, A.P. Kuznetsov, P.D. Zolotarev, A.I. Lot'yev, B.A. Kozlov, M.Y. Leonov, I.G. Mankarov, A.B. Markovich, I.B. Matveyev, S.A. Podvaz, L.A. Poznyak, V.A. Popov, S.S. Pervuchikov, O.M. Protodopov, G.M. Rodov, L.V. Rubenkov, A.P. Silaver, S.I. Ushanov, P.M. Frolov, B.A. Chelishchev, P.D. Chudakov, and B.M. Shnyarev; Chief Ed.: A.I. Lot'yev; Ed. of Publishing House: O.M. Sobolev; Tech. Ed.: G.V. Saitornov; Managing Ed. for literature on Heavy Machine Building: S.Ia. Goloviz, Engineer.

PURPOSE: This collection of articles is intended for personnel engaged in press-working and for students in mechanical-engineering schools of higher education.

COVERAGE: The following problems in advanced processing by pressworking are reviewed: Flashless drop forging; multipass forge rolling; cold extrusion; hole piercing instead of drilling; small-radius bending of metal sheets; straightening of thin-walled tubes; and embossing. Methods are given for selecting roller-feed parameters and hole size for rotary feed on crank presses. No personalities are mentioned. References accompany each article. There are 57 references: 56 Soviet and 1 English.

TABLE OF CONTENTS

Chudakov, P.D. (Candidate of Technical Sciences). Investigation into the Possibility of Piercing Holes in Slab-Type Machine Parts Instead of Drilling Them	54
Pervuchikov, O.M. (Engineer), and L.M. Poznyak (Engineer). Investigating a Process for Straightening Tubes With Very Thin Walls	57
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Sytnikov, I.A. (Engineer), and A.Y. Filimonov (Engineer). Selection of the Roller Diameter for a Die-Type Feed	109
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AVAILABLE: Library of Congress (ZJ 1A50.M65)

Card 2/4

VI/174/07
6-15-61

(10)

TYURIN, L.V.

Development of Soviet soil science during 40 years. Pochvovedenie
no.11:1-13 N '57. (MIRA 10:12)

(Soil research)

MIKHAYLOV, Nikolay Nikolayevich; TYURIN, M., redaktor; MALININA, G.,
redaktor; KOROBEYNIK, N.' redaktor; YEGOROVA, I., tekhnicheskiy
redaktor.

[Looking at a map of our country] Nad kartoi rodiny. Izd.3-e,
perer. i dop. [Moskva] Izd-vo TsK VLKSM "Molodaya gvardiya,"
1954. 447 p. (MLRA 8:11)
(Geography)

DOVBA, A.; TYURIN, M.

New job analysis manual ("Job analysis manual for workers in
the coal and shale industries". Reviewed by A.Dovba, M.Tiurin).
Sots.trud 4 no.7:151-153 J1 '59. (MIRA 13:4)
(Coal mines and mining) (Job analysis)

DOVBA, A.; TYURIN, M.

Eliminate shortcomings in the wage organization for workers
of mixed brigades in the coal industry. Sots. trud 7 no.10:
73-80 0 '62. (MIRA 15:10)

(Wages---Coal mines and mining)

TYURIN, M.

Bonuses for managerial personnel, engineers, technicians
and employees in the coal industry. Sots. trud 6 no.7:44-48
J1 '61. (MIRA 16:7)

(Wages—Coal mines and mining)
(Bonus system)

NIKOL'SKIY, V.S.; TEURIN, M.A.; SUROVA, V.A., red. izd-va; MINSKER, L.I.,
tekhn. red.

[Handbook of regulations for workers in coal and shale pits] Pa-
miatka dlia rabochikh ugol'nykh i slantsevykh razrezov. Moskva,
Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 147 p.
(MIRA 14:12)

(Coal mines and mining—Standards) (Wages)

NIKOL'SKIY, Viktor Sergeyevich; TYURIN, Mikhail Alekseyevich; SUROVA, V.A.,
red. izd-va; MINSKER, A.I., tekhn. red.

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